McKenzie, the "Railway King" of Russia, 443
Maddox, George, subscription for his widow, 24
Magnesian limestone, 449
Mahogany veneers, duty on, 109
Malt-houses, 458, 483
Malvern new church, 161
Manchester, smoke nuisance in, 47; gas works, 89; fall of an iron roof, 119; improvements, 148; baths and washhouses, 200; School of Design, 203, 511, 640; St. Simon's Church, Salford, competition, 257; new kind of pavement, 258; Collegiate School, 320; Exchange, 381, 389, 510; Royal Institution Exhibition, 452; new theatre, 453, 468; Philharmonic Institution, fall of a floor, 463; proposed museum of art, 511; architecture and art in, 564; proposed public parks, 58, 60, 200, 205, 209, 274, 388, 641
Manchester Ten Churches Association, 333
Manufactures, proposed exhibition of, 330, 341
Manure (see "Sewage manure")
Map of London (official), its necessity urged, 76
Marble, a chapter on, 39; its durability, 185; mode of cutting and polishing, 130
Marbles of Derbyshire, 130; of Ireland, 273
Marchesi, the Milanese sculptor, 589
Margate, font in St. John's Church, 259
Marine glue, 209
Marqueterie, new process, 536
Marseilles, tunnel under the sea, 83
Martin, Jno., his proposed application of sewer water, 421
Martin, Jonathan, the incendiary, biographical notices of, 158, 175, 208
Masonic meeting in Ireland, 366
"Master Builder" (see "Building Act.")
Master Carpenters' Society, 143
Mathematics as applied to carpentry, 119
Mausolea, Mr. Cockerell's remarks on, 85
Mausolea of illustrious men, 58, 430
Mausoleum of the Orleans family, 270
Maynooth College, repairs of, 188
Measuring plastering, 391; brickwork in drains, 119
Medieval architecture illustrated from illuminated MSS., 206
Meipash, near Bridport, new church, 362
Melrose Abbey, reparations of tourists, 518; closed by the Duke of Buccleugh, 518; re-opened, 577; mason's inscription in, 621
Menai Straits, proposed tunnel or bridge across, 188, 337, 385
Metals, their corrosion in salt water, 137, 274
Metropolis improvements, proceedings and reports of the commissioners, 18, 249, 285; editor's remarks on, 121; miscellaneous notices, 214, 347; apathy of the government, 284; debates in Parliament, 373 (and see "Westminster Improvements")
Metropolitan Improvement Society, its plan for the Westminster Improvements, 191; meeting and report, 76, 380
Metropolitan railways, 349
Middlesex and Surrey Junction Railway (Sup.) 13
Milan, sculpture in, 589
Military prisons, 117
Millengen, James, his archæological works, 540
Milton, new church at, 355, 440
Mineral railways (Sup.) 8
Miners, ventilation of, 43
Minor defects in modern dwelling-houses, 193
Minster Church, Thanet, bench end, 491
Model of a steam-engine by Mr. Warner, 190
Models of St. Peter's at Rome, 289
Models (stone) of ancient buildings, 693
Modellers of architectural decorations, 190, 238
Molesworth, Sir Wm., on the spread of knowledge, 546
Montacute Priory, Gatehouse, 396
Monumental brasses—ancient, 125; modern, 12
Monuments and national memorials, 98
Monuments to eminent men, 370; in Westminster Abbey, 110; building for their reception, 430
Monuments, sepulchral, 98, 198, 108, 478, 591
Moon's improved chimney, bricks, 328
Morison's Views of the Palaces of Saxe-Coburg and Gotha, 413
Mormon temple at Boston, U.S., 118
Mosaic floors, 382, 571
Mud, houses and people destroyed by, 302
Munich, architecture and the fine arts in, 374; encaustic paintings, 422, 550
Museum of economic geology, 87, 307, 579
Museum of national antiquities, proposed, 39, 171; 172; 181, 213, 253, 281, 343, 405, 547, 557, 619, 640
Museums of Art; Mr. Ewart's bill, 128, 172, 191

N

NAILS in the reign of Edward I., 107
Nail trade, the, 230, 304, 548
Names of architects on their buildings, 548, 568, 592
Names of streets and squares, 238, 440
Names of streets altered, 227
Naples, present state of the art sidereum, 534; scientific congress at, 565, 516
National antiquities (see "Museum of National Antiquities")
National Gallery, unfit for its purpose, 274; Mr. Eastlake's letter on its defects, 282.
National provincial picture galleries, 516
National mausolea and monuments, 98
Nawarth castle, proposed restoration, 47, 209
Nasmyth's pile-driving machine, 212, 317, 352, 396, 440, 569, 619
Newall's patent wire ropes, 230
Newark church, carved bench ends, 370
New books reviewed, 10, 22, 31, 57, 81, 94, 106, 118, 129, 135, 205, 258, 416, 496, 541, 567, 578, 618
New Brunswick cathedral, 170, 683
Newgate-market, proposed enlargement, 323
Newly built houses injurious to health, 258, 268, 397
New plaster, 71
New society of painters in water colours, exhibition, 396
New Zealand, St. John's College proposed, 287
Nelson monument, Trafalgar-square, 530
Nether Wallop Church, restoration of, 389
Niches in brickwork, 298
Nineveh, discoveries at, 56, 179
Nixon's statue of William IV., 767
Noise on railways, 429, 460
Norfolk churches, remarks on, 208, 253, 350, 368
Norman doorway, Little Barford Church, 491
Norman fonts at Stanton Fitzwarren, 8; Hendon, 278; Dodford and Eydon, 388
Northleach, report on the fall of the prison, 289
North Shields, new town hall, 400
Northampton, proposed cemetery (Sup.) 11
Northampton, Marquis of, his address, 98, 100, 179, 503
North Waltham Church, south porch, 388
Northumberland, Cottage Improvement Society, 466
Norton Hall, Lincolnshire, rebuilt, 549
Norwich, fall of part of St. Julian's Church, 202
Norwich Cathedral, free admission to, 415
Norwich, railway station at (Sup.) 12
Nott, General Sir W., monument to, 370
Nottingham, New Mechanics' Hall, 69; monument to Robert Millhouse, 117; restoration of St. Mary's Church, 148, 250
Notting Hill, new church at, 54, 68, 208
Numbering of houses in London, 210

O.

Official referees (see "Building Act")
"Old England," Knight's, 518
Oldham, report on fall of cotton mill, 277
Old Water Colour Society, exhibition, 213
Operatives, intellectual improvement of, 481, 536, 561 (and see "Artisans," and "Workmen")
Orleans family mausoleum at Dreux, 270
Ornamental plastering, 506
Orvieto Cathedral, 588
Osborne, Isle of Wight, described, 179; new buildings, 312, 347
Osmaston new church, Derbyshire, 391
Ostia, ancient harbour of, 257
Otley Chevin stone, 431
Oven-heating stoves, 119, 137
Oxford, Magdalen College, new grammar school, 161
Oxford Architectural Society, meetings, 287, 367

P.

Paddington Hospital, designs for, 299, 303, 321
Padstow, new lighthouse, 301
Painted Chamber, Westminster, 116
Painting, encaustic, 422, 485, 550
Paintings in old churches, 580 (and see "Frescoes")
Painting (see "Historical painting")
Painted glass (see "Glass and stained glass")
Palladio, original drawings by, 558
Palmerston, Lord, on cultivated sands, 167; on ship building, 202
Paris, church of St. Vincent de Paul, 3; Jardin des Plantes, 401; restoration of Notre Dame, 336; Hotel de Ville, sculpture, 600; modern architecture in, 395, 533, 607, 635; building for the reception of monuments, 430; subterraneous structures, 506; cleansing streets, 508; the Madeleine, 517; scientific proceedings, 516, 559; strike of the carpenters, 538, 565, 607, 516; Algerine Museum, 525; exhibition of the Louvre, 600 (and see "Railways")
Parks (public), at Battersea, p. 518; Victoria Park, 64, 161, 660, 573; at Manchester (see "Manchester")
Parlby, Major, his safety railways and carriages (Sup.) 3
Parliamentary debates (see "Debates")
Parochial officers, their duty to repair churches, 542
Parthenon, restored, Mr. Lucas's Models, 593, 619
Party-walls (see "Building Act")
Paper-hangings, improvements in, 110
Paper-stainers' designs, 469
Papier mache, 567
Pasley, Gen., donation to Architects' Institute, 556
Patents, question of, 430
Patents (new), lists of, 80, 153, 213, 285, 346, 407, 418, 442, 586 (Sup.) 12
Paving, granite, of Vienna, 600
Paving, right to take up, 56, 281
Paving, channeling, and drainage association, 332, 574
Peat as fuel for locomotives, 560
Peel, Sir R., his picture-gallery at Drayton Manor, 217, 222; his patronage of literary men, 130; at the Trent Valley Railway, 344
Pembroke dockyard, iron roofs, 47; new church at, 93, 117
Penrith Castle, 558
Penryn Docks, improvements, 201
Pentonville Prison, warming and ventilation, 70, 76
Penzance, fittings of St. Paul's Church, 30
Pendoneus, Warrin's, 322
Persia, ancient canal and tunnel, 506
Perth, opening of the City Hall, 80; monumental bust of Scott, 221; railway terminus, 564
Peru, railway in, 422
Peterborough Cathedral, improvements, 261
Pews in Ipswich Church, abolished, 200
Phigalian marbles, British Museum, 338
Philadelphia, Academy of Fine Arts, burned down, 329
Phillips, John, on improvements in sewers and drains, 302, 474, 493, 568, 620; his plans, 509; adopted by the Westminster Court, 523; on the geometry of brickwork, 364, 396; on the Thames and its embankments, 122, 134; on efflorescence on brickwork, 457; on limestone, 446
Photography, paper by M. Claudet 44
Piccadilly, widened, 530, 575; new post-office, 537
Pickett, W. V., his new system of architecture, 368
Picture-galleries, arrangement and lighting of, 217, 222, 282, 307, 443
Pier at Erith, proposed, 83; at Gravesend, 188; at Weston-super-Mare, 201, 282, 323, 356
Piers on the Thames, 251
Pier's Elm, demolished, 230
Pilbrow's atmospheric railway, 22
Pile-driver, Nasmyth's, 212, 317, 352, 396, 440, 569
Pine logs, duty on, 311
Piracy of designs, 446
Plaistow, their origin and use, 477, 485, 523
Planché, J. R., on armorial bearings, 397
Plans on parchment, mode of tinting, 507, 518, 530
Plaster, patent fire-preventive, 321
Plasterer's models, 190, 238
Plastering, ornamental, 506
Plaster figures to imitate marble, 141
Plates and dishes, history of, 564
Plymouth, Christ Church (new), described, 601
Plymouth breakwater, 465
Polishing marble, 130
Polthmore House, Devon, improvements, 161
Pompeii, decay of recovered fragments from, 104; recent excavations, 179, 525; capital from, 235
Pontefract, improvements in, 183
Pontifices—bridge building fraternities, 497
Pope, his lines on Burlington and Vanbrugh, 499
Porchester Castle, 449
Portland Town, proposed new church, 241
Portland stone, paper by C. H. Smith, 349
Portland Vase, its wanton destruction, 79, 91; described, 105; restored, 153
Portland and Roman cement, 155
Portsea—new house, 328
Portsmouth fortifications, 103; harbour, works in progress, 465
Portrait Gallery at Drayton Manor, 217, 222
Pratt's patent carving machine, 124, 138, 177, 592
Pressing workmen, under Louis XIV., 143
Preston, new church, 395
Prices of building materials (see "Building materials," "Glass," "Iron," &c.)
Prices of gas (see "Gas")
Primrose-hill, preserved for public use, 302
Printers' almanacs, 311
Prints and drawings (architectural), proposal for their sale and purchase, 105
Property tax, its amount in certain parts of London, 230
Protection of works of art in museums, 126, 173
Provincial museums of art, Mr. Ewart's Bill, 172
Prudhoe, Lord, his collection of national antiquities, 557
Pryor's Bank, Fulham, its varied and curious contents, 594; chair of the electors of Saxony from, 150
Public cemeteries, suggestions for laying out, 177
Public footpaths crossed by railways, 108
Public monuments, 578, 590
Public works, Mr. Chadwick on, 302; in France, 510, 560
Pugin, A. W., on the Houses of Parliament, 256, 258; on the School of Design, 397
Pulham, Jas., remarks on cement and plaster, 160

Q.

QUARTERLY Review, an ecclesiastical architecture, 206, 219, 231
Quintin Matsys, his merits as a smith, 97

R

RABY Castle, additions and alterations, 148
Radiation of heat, 189
Ragstone (see "Kentish ragstone")
Railways, their true value, 481, 555, 601, 602, 612; hints to new companies, (Sup.) 10; the atmospheric system, 116, 137, 195; advertisements (Sup.) 8; accidents, prevention of, 394, (Sup.) 9; Archimedian screw, 117; proposed railway bank, 530; railway balances, 478; proceedings of the Board of Trade, 341; breaks, 413, 564; bridges, 93, 564, (Sup.) 10; carriage building company (Sup.) 1; warming carriages, 67; railway chairs-holder, 440, (Sup.) 3; setting out curves, 208, 209; structures on directors, 530, (Sup.) 6, 9; dividends, 560; telegraph (see "Electric telegraph"); improvements in engines, 57, 564; gambling in shares, editor's remarks on, 349, 421, 529, 537, 557, 601, 618, (Sup.) 1, 9; proposed government board of engineers, 560; gradients, 317; broad and narrow gauges, 276, 288, 308, 341, 460, 536, 573; railway Guarantee Society (Sup.) 11; railway hero-worship (Sup.) 5; quantity of iron required, 45; miscellaneous notices of, 93, 440, 481, 564, 588, 559, 564, 580, 617, 630; projects affecting London, 349, 369; terminus, Farringdon-street, 588, 591, (Sup.) 5; engine exploded from lightning, 601; their military advantages, 561; noise on, 460; Major Pasley's safety-plans (Sup.) 3; Pilbrow's atmospheric, 22; planting sides of cuttings and embankments (Sup.) 1; rating of, 482; robberies on, 562; railway restaurant, 167; signals, 458, 460, 564, (Sup.) 1; speed, 575; new towns near stations, 46; railway streets, projected (Sup.) 10; stock (Sup.) 13; surveyors, great demand for, 602, 608, 627, (Sup.) 10; surveyors, opposition to, 164, 564, 568; "thoughts as they rise, by one who travels" (Sup.) 6; cost of viaducts, 367
Railways abroad—in Belgium, 107; from Cairo to Suez, 107, 203; in France, 50, 281, 350, 575, 608; in India, 124; in Italy and Switzerland, 537, 580; in Spain, 119; opposed by the Pope (Sup.) 6
Ramsgate, Trinity Church, 598
Ranelagh suspension bridge, proposed, 432, (Sup.) 10
Rating of railways, 329
Ripon, new training schools, 221
Reading Abbey, history and description of, 500
Reading, proposed villas at White Knights, 468; competition for laying out ground in King's-road, 69, 81, 94, 130, 238; railway from London (Sup.) 4
Real property, Parliamentary returns of, 153
Redcliffe Church, Bristol, its architectural beauties, 331; restoration of, 157, 236, 431, 457, 588
Regent's Canal, its conversion into a railway, 464, (Sup.) 4, 8, 10
Regent's Park, extension of, 185
Reid, Dr., his ventilating apparatus, 281, 411, 549, 584
Rennie, Sir John, his address to the Civil Engineers' Institution, 69; on the drainage of the Archipelago, 158; his conversations, 250
Respiration in health and disease, 85
Reviews (see "New Books")
Revolving rule to measure lumber, 240
Richardson, C. J., his illustrations of architecture and antiquities, 55, 126, 150, 162, 211, 222, 236, 247, 262, 354, 388, 391, 403, 414, 436, 463, 480
Richborough Castle, 261
"Richmond," a descriptive poem, 518
Richmond, plans for laying out ground at, 480
Richmond Railway, 452
Ridley, Geo., on handrails, 7, 29, 130
Rise, Bangor, new church, 585
Ritterbrandt, Dr., on incrustations in steam boilers, 334
Road-making at Burton upon Trent, 235; at Manchester, 283
Robins, Greenway, on the New Buildings Act, 117, 127, 154, 164, 212, 252, 453; on newly-built houses, 258; on sewage in the suburbs, 309
Robins, Geo., tenders for works on his estate, Southall, 419
Rochester Cathedral, works in progress, 466
Rogers, W. G., lecture on wood carving, 381; on illuminated books, 550
Rolle, Lord; statue of, 370
Roman and Portland cement, 155
Rome, its sewers, 54, 600; ancient and modern walls, 253, 343
Romford, competition for Corn Exchange, 92, 107, 118, 539
Romsey Abbey Church, 446
Roof of the great room, Exeter Hall, 210
Roofs, construction of, 366; covering for, 238, 263 (and see "Iron roofs")
Rooms for large assemblies, 536
Rose window, Westminster Abbey, 130
Rosewood veneers, duty on, 108
Rotunda, Blackfriars'-road, 251
Rotherham, proposed public baths, 122
Round Towers of Ireland, 310, 334, 339, 576; of France, 614
Roundels, or ancient plates, 394
Romsey Abbey Church, ancient coffin, 464
Royal Academy, exhibition, 217, 222, 248, 270; resignation of president, 285, 338; testimonial to G. Jones, R.A., 164; Mr. Cockerell's lectures, 71, 38, 69, 93, 73, 85; annual prizes, 535, 612; members' privileges as exhibitors, 36, 137; associates elected, 542
Royal Commission of the Fine Arts, correspondence with wood-carvers, 143, 145, 213; exhibition, Westminster Hall, 317, 316, 460, 416; competition in oil-painting, 419
Royal Dublin Society, 413
Royal engineers turned railway surveyors (Sup.) 10
Royal Exchange, temporary premises sold, 15
Royal Exchange (new, its defects, 71; proposed statue of Prince Albert, 38; of Gresham, 530; other statues, 79; fire-bricks in stores, 421; its cost, 104; decorations, 143; wrought-iron gates, 146; Mr. Tite and Mr. Smith on the antiquities found there, 536, 569, 592, 585, 595, 618, 621
Royal Exchange (the late), its architect, 562
Royal Hibernian Academy, 480
Royal Institute of British Architects, meetings, 3, 26, 31, 73, 99, 124, 181, 205, 256, 281, 287, 342, 388, 390, 486, 533, 558, 585, 612; report on dilapidations, 5; competition for medals, 14; prize essay on slate, 99; competitions announced, 124; election of officers, president's conversazione, 233; discussion on proposed museum of national antiquities, 550
Royal Institution, meetings, 43, 250, 272
Royal Irish Architectural Institution, meetings, 469
Royal Society; president's soirees, 46, 100, 179; ordinary meetings, 288; anniversary meeting, 589
Rugby, monument to Dr. Arnold, 117
Ruined cities of America, 50
Rules (satirical), for churchwardens, 565
Rushton Lodge, Northamptonshire, 588, 590